8-7/33-28 to 11-9-78

GROCERY 29¢

TOP FLIGHT

MEMO BOOK

MB—19 END OPEN
MB—20 SIDE OPEN

4 IN. X 6 IN. 60 SHEETS

TOP FLIGHT PAPER PRODUCTS, INC. CHATTANOOGA, TENNESSEE 37402

James W Eike
6207 Numan Rd
Fairfax Va

8-13-78 Sun. 72°-51°
Overcast early; hazy; sun
breaking through at 8:30 A.M.
Great storm 11:50 on from Jaffrey Station
to Lorton & return - blinding rain.
None at home until 1:30 P.M. -
then hard, brief rain = 0.3"

3 Indigo Buntings (35) 30+ Doves
2-3 House Wrens 5 Crows
1 White-eyed Vireo 6 Jays
3 Red-eyed Vireos Grackles
1 Cr. Flycatcher Starlings
1 Acad. Flycatcher 12-18 House Sps.
4-6 Peewees 3 Song "
1 Yellowthroat 2 C. Wrens
40-50 Robins 2 Goldfinches
20+ Cardinals 1-2 Chickadees
2-3 Mockers 4-6 Titmice
1 Pil. Woodpecker 3 Nuthatches
1 Flicker 2 Meadowlarks
2 Red-bellies 3-5 Field Sps.

Away 4:00 - 6:30 P.M.

1-2 Downys
5-6 Barn Swallows
40-50 P. Martins
2 Ch. Sparrows
1 Catbird
2 Bl.-g. Gnatcatchers
4-6 Bluebirds
+ Flight of Robins after 7:00 P.M.

3-5 Chipping Sps.
3 Bobwhites
1 Green Heron
2 Hummingbirds
1 Wood Thrush
1-4-6 Cuckoos

8-14-78 Mon. 70° - 86°
Sue and Elsie due / overcast all day - hot, humid; light variable breezes - spatter of rain 6:30 P.M.

3 Indigo Buntings (35) 30+ Doves
1 Yellow-throat 4 Crows
2 House Wrens 6 Jays
1 Catbird Grackles
2 Bl.-g. Gnatcatchers Starlings

Away 7:00 - 10:15 A.M.
" 12:30 - 2:00 P.M.
Young's Chuck

6 Barn Swallows
40-50 P. Martins
Robins
15-20 Cardinals
2-3 Mockers
1 Pil. Woodpecker
1 Flicker
2 Red-bellies
1-2 Downys
4-5 Peewees
1 Acad. Flycatcher
1 Y.-b. Cuckoo
1 White-eyed Vireo
3-5 Red-eyed Vireos
~~1 Bl.-g. Gnatcatcher~~
2 Kingbirds
+ 2 C. Warblings 5:45 PM

12-15 House Sps.
3-4 Song "
2 C. Wrens
2 Goldfinches
1-2 Chickadees
4-6 Titmice
1-2 Nuthatches
2 Meadowlarks
3-4 Field Sps.
2-3 Chipping "
3 Bobwhites
1 Wood Thrush
2 Hummingbirds
1 Green Heron
1 Towhee

Sue & Elsie arrived about 8:30 P.M. - via Richmond.

Away 5-8 P.M.

8-15-78 Tues. 73° — 86°
Fog early; 94° humidity;
wind SE, 5-10 mph.

Indigo Buntings
Catbirds
Acad. Flycatcher
✓ 3 Cr. Flycatchers
Towhees
Barn Swallows
P. Martins ✓
Y.-b. Cuckoo
Peewees
Red-eyed Vireos
White-eyed Vireo
Robins
Cardinals
Mockers

Doves
Crows
Jays
1000 cc Grackles
Starlings
House Spp.
Song "
C. Wrens
Gold Finches
Chickadees
Titmice
Nuthatches
Meadowlarks
Field Spp.

Pil. Woodpeckers
Flicker
Red-bellies
Downys
Ch. Sucker
Bluebirds

Chipping Spp.
Bobwhites
Hummingbirds
Green Heron
Kingbirds
~~Martins~~

✓ Much P. Martin activity all day in recent days.

8-16-78 Wed. 73° — 89°
Sue, Rachel, & Elsie left for Richmond & Nickelsville about 8:15 A.M.
Hazy clouds; hot, humid; breeze SW, 5-10 mph.

2 Indigo Buntings
2 Catbirds
1 Acad.-Flycatcher
1 Cr. Flycatcher
2 Towhees

30+ Doves
5 Crows
6 Jays
40+ Grackles
80+ Starlings

6 Chuck in meadow

1-2 White-eyed Vireos 15-20 House Sps.
3 Red-eyed Vireos 3-4 Song "
3 Barn Swallows 2 C. Wrens
18+ P. Martins 2 Goldfinches
4-6 Robins 2 Chickadees
20+ Cardinals 3-4 Jaynics
2-3 Yellowlegs 1-2 Nuthatches
1 Pil. Woodpecker 1-2 Meadowlarks
1 Flicker 3-4 Field Sps.
2 Red-bellies 3-4 Chipping Sps.
1-2 Downys 2 Bobwhites
3-5 Pewees 1 y.-b. Cuckoo
2 Hummingbirds 2 Kingbirds
1 Wood Thrush 1 Gr. Heron
1 House Wren 2-4 Bluebirds
2 No. Orioles 2 Ch. Swifts
4 Nighthawks W-E 7:05 PM
1 Red-shoulder
↓ Flying East to roost.

8-17-78 Thurs. 72°-89°
Hazy, hot. humid. 94° at
6:00 P.M. - dropping to 59° at
1:00 P.M. Breeze NNE, 5-10
mph.

2 Indigo Buntings (25) 30+ Doves
1 Blue Grosbeak (5) 5 Crows
1 House Wren (5) 6 Jays
2 Red-eyed Vireos (25) Grackles
1 White-eyed Vireo (5) Starlings
4-5 Pewees (5) 15-20 House Sps.
1 Cr. Flycatcher 3-4 Song "
1 Acad. Flycatcher 2 C. Wrens
1-2 Catbirds 2 Goldfinches
2 Hummingbirds 2 Chickadees
4 Barn Swallows 3-5 Jaynics
20-15 P. Martins ↓ 2 Nuthatches
1 Towhee 1-2 Meadowlarks
4-5 Robins 3-4 Field Sps.

(many young)

20+ Cardinals
2-3 Mockers
1 Pil. Woodpecker
2 Red-bellies
1-2 Downys
1 Flicker
1 Y.-b. Cuckoo

6 Chipping Sps.
3 Bobwhites
1 Wood Thrush
2 Kingbirds
3-5 Bluebirds
2 Ch. Swifts
1 TV

1 What became of the P. Martins since yesterday? Have our local birds moved south? We were home from 4:00 P.M. on — even ate dinner outside.

)

Full Moon

8-18-78 Fri. 62° - 86°
Few high, thin clouds; humid; quite hot in P.M. — wind NW, 5-15 mph.

3 Indigo Buntings (35) 30+ Dover
1 House Wren (s) 4 Crows
1 Tow hee (Y) Δ 2x 1 4-6 Jays
4 Barn Swallows 200+ Grackles
264 P. Martins 12. 300+ Starlings
3 Red-eyed Vireos (GS) 12-15 House Sps.
1 Wh.-eyed Vireo 3-5 Song Sps.
1 Yellowthroat 3 C. Wrens 1
1-2 Catbirds 2 Goldfinches
3-5 Peewees 1-2 Chickadees
2 Hummingbirds 3-4 Titmice
1 Thrasher 2 Nuthatches
4-5 Robins 3-4 Field Sps.
20+ Cardinals 4-5 Chipping "

2-3 Mockers
1 Flicker
2 Red-bellies
1-2 Meadowlarks
3-5 Bluebirds
✓ 7 Nighthawks SW-E 6:50 PM

✓ Young ♂ Towhee at ♂ feeding on scratch feed; then singing in White oak – a long, continuous rough warble, interspersed with "Towhee" calls; later feeding in grass on terrace beside us.
✓ Singing ♂ C. Wren brought two young to terrace.
✓ Majority of Martins flying over (NNW–E) between 7:00 & 7:50 P.M. – last ones at 7:55 P.M.

3 Robin Nuthatches
2 Red-shoulders
2 Ch. Swifts
1 Cr. Flycatcher
1 Catbird
1 Wood Thrush

8-19-78 Sat. 65°-89°
Fog; hazy early; then hot, humid; wind SW, 5-10 mph, at times.

3 Indigo Buntings (35) 30+ doves
3 Red-eyed Vireos (3?) 4-5 Crows
1 White-eyed Vireo 5-6 Jays
1 Y.-b. Cuckoo 500 Grackles
✓ 3 Barn Swallows 200 Starlings
968 P. Martins ✓ NNW–ESE 15-20 House Sps.
2 Catbirds 3-5 Song "
3-5 Peewees 2-3 C. Wrens
1 Towhee (Imm) 2 Goldfinches
2 Hummingbirds 1-2 Chickadees
4-6 Robins 4-5 Titmice
20-30 Cardinals 2 Nuthatches
2-3 Mockers 3-4 Field Sps.
1 Pil. Woodpecker 5-6 Chipping "

922
145
968.

2 Red-bellies
1-2 Downys
1-2 Ch. Swifts
✓4 Nighthawks } 3 at 6:15 SSW-NE
1-2 Wood Thrushes

✓ Just as last year, we didn't think of the Martins along the crest of "our mountain" until late in the flight. Claire remembered, and the numbers built up rapidly; several hundred may have passed along the ridge before we began counting them — and who knows how many on the other side?

3 Bob Whites
3-5 Bluebirds
2 Wood Thrushes

8-20-78 Sun. 75°—81° NE-NW
Cloudy; wind N, 15-25 mph. all day; mostly sunny 10:00 A.M. on — low humidity — perfectly glorious day!

4-5 (2✓)
Indigo Buntings 30-40 doves
2-3 Red-eyed Vireos 4 Crows
4 Barn Swallows 3-4 Jays
✓8 Purple Martins Grackles.
2-3 Catbirds Starlings
3-5 Peewees 20+ House Spr.
3-4 Robins 4-5 Song " (Y)
20+ Cardinals 2 C. Wrens
2-3 Mockers 2 Goldfinches
2 Red-bellies 1-2 Chickadees
1-2 Downys 3-5 Titmice
1 T ✓ 4✗ 1-2 Nuthatches
✗ 1 Broadwing 4:50 P.M. 3-4 Field Spr.
2 Bl.-g. Gnatcatchers 3-4 Chipping "

Concorde. 5:47 P.M.

7:50 PM Woodchuck in yard

1 Ch. Swift
1 Flicker
1 Towhee
✳ 1 Ring-b. Gull SW-SE 7:10 PM

3 Bobwhites
2 Hummingbirds
✓ 2 Nighthawks 1-SW 6:35

✓ 1 Nighthawk SW-NE, 7:50 PM.

✓ Radical change from yesterday - missing birds - lack of P. Martins, etc., on an ideal day.

8-21-78 Mon. 58° — 8:10
Cloudless; wind NNE, 10-15 mph
- few puffy clouds in aft.
- glorious day.

Away 2:30 - 6:40 P.M.

Taking Bill Carlson to Dulles to meet Yvonne - then home.

2-3 Indigo Buntings
1 White-eyed Vireo
1 Killdeer
3 Barn Swallows
✓ 2 P. Martins ✓
3-6 Peewees
2 Catbirds
Robins ✓
20-25 Cardinals
3-5 Mockers
2 Red-bellies
1-2 Downys
2 Hummingbirds
3-4 Red-eyed Vireos
✳ 1 Yellow-b. Flycatcher
1 Wood Thrush
~~1 Flicker~~

30+ Doves
4 Crows
4-6 Jays
Grackles ✓
Starlings ✓
15-20 House Sps.
3-5 Song "
1-2 C. Wrens
2 Goldfinches
1-2 Chickadees
3-5 Titmice
1-2 Nuthatches
3-5 Field Sps.
3-5 Chipping "
2 Bobwhites
1 TV

✓ No real count - away during period of flights

✳ Horned Larks at Dulles, in Cargo area.

8-22-78 Tues. 53° – 82°
a touch of autumn in the air! Scattered, thin clouds – calm in a. m. –

1 Killdeer 30+ Doves
1 Y.-b. Cuckoo in yard 4 Crows
3-4 Indigo Buntings (35) 4-6 Jays
3 Red-eyed Vireos (35) Grackles
1 White-eyed Vireo Starlings
1 Br. Thrasher 15-20 House Sps.
2-3 Catbirds 3-6 Song "
(X) 1 Red-shoulder 2 C. Wrens
Robins 2 Goldfinches
20-30 Cardinals 1-2 Chickadees
2-4 Mockers 3-5 Titmice
1 Pil. Woodpecker 2 Nuthatches
1 Flicker 3-5 Field Sps.

2 young chucks in yard

2 Red-bellies 3-5 Chipping Sps.
1-2 Downys 3 Bobwhites
1 Tom Tee 1 Cr. Flycatcher
✓ 1 Yellow-thr. Vireo in yard 2 No. Orioles
5 Barn Swallows 3-4 Bluebirds
✓ 455 P. Martins ✓ 1/2 Ch. Swifts
2 Bl.-gr. Gnatcatchers 1 Wood Thrush.
2 Hummingbirds 3-5 Peewees

✓ almost all Martins after 7:00 P.M. – NNW – 5 E; and almost all along the crest of "our mountain".

8-23-78 Wed. 57° – 85°
Cloudless all day – calm all day, except for occ. very light breeze – fine day.

Fr. Concorde - 5 : 47 BR.
1 young 'chuck in yard.

2-3 Indigo Buntings 30-40 Doves
1 Killdeer 4 Crows
1 White-eyed Vireo 4-6 Jays
2-3 Red-eyed Vireos Grackles
(F) 1 Red-shoulder Starlings
2-3 Catbirds 15-20 House Sps. "
1 Yellow-thr. Vireo 4-5 Song "
3-5 Peewees 2 C. Wrens
3-4 Bluebirds 2 Goldfinches
✓ 482 P. Martins ✓ 1-2 Chickadees
4 Barn Swallows 3-5 Titmice
3-4 Robins 2 Nuthatches
20-30 Cardinals 3-5 Field Sps.
3-4 Mockers 3-5 Chipping "
1 Pil. Woodpecker 3 Bob Whites
1 Flicker ✓ 2 No. Orioles
2 Red-bellies 1 TV
1-2 Downys 4 Ch. Swifts
1 Sc. Tanager ♀ 8 Nighthawks
1 Wood Thrush

↓ all NNW - SE

8-24-78 Thurs. 69° - 89°
Cloudless, rather hazy in late aft.; intermittent breeze, NE, to 10 mph.

Indigo Buntings	Doves
20 P. Martins ✓	Crows
White-eyed Vireo (5) in yard	Jays
Red-eyed Vireos	Grackles
Catbirds	Starlings
Peewees	House Sps.
Robins	Song " ✓
Cardinals	C. Wrens ✓
Mockers ✓	Goldfinches
Pil. Woodpecker	Chickadees
Flicker	Titmice
Red-bellies	Nuthatches
Downys	Field Sps.
Hummingbirds	Chipping "

Ch. Swift Bob-w. Cuckoo
No-Orioles 1 Phoebe
Barn Swallows Sc. Tanager (5)
Bl.-gr. Gnatcatchers
Cr. Flycatcher
8 Nighthawks ✓

✓ 1st time count – left home 6:30 P.M. – to Lions – missed major flights.

8-25-78 Fri: 71° – 89°
Hazy; hot, humid – cloudy in afternoon, with thunder & rain.

2-3 Indigo Buntings (5) 30+ Doves
1 Cr. Flycatcher 4 Crows
2 Bl.-gr. Gnatcatchers 3-4 Jays

~~48 PM~~ ~~48~~ ~~63~~ ~~81~~
~~3 NH~~ ~~83~~ ~~54~~ ~~55~~
~~44=88~~ ~~50~~ 91

2-3 Cathirds Grackles
3-6 Doves Starlings
552 R. Martins 15-20 House Sps.
2 Hummingbirds 4-8 Song "
1 Sc. Tanager 2 C. Wrens
4-6 Robins 2 Goldfinches
20-30 Cardinals 1-2 Chickadees
3-5 Mockers (Y) 3-5 Titmice
1 Pil. Woodpecker 2 Nuthatches
1 Flicker 3-5 Field Sps.
2 Red-bellies 6-7 Chipping "
1-2 Downys 1-2 Bobwhites
6 Barn Swallows 1 TV
1 Yellow Throat 94 Nighthawks ✓
~~5 Barn Swallows~~ 8 Ch. Swifts
~~94 Nighthawks N-S~~ 1 No. Oriole
1 Wood Thrush 1 Bluebird

✓ Nighthawks all flying basically N-S; began about 5:30 P.M.

8-26-28 Lat. 73°-84°
Mostly overcast, or cloudy; humid

Indigo Buntings
88 P. Martins (75 cc)
Barn Swallows
Red-eyed Vireos
Red-shoulder in white och
Y.-b. Cuckoo
Catbirds
Yellow-throat
Robins
Cardinals
Mockers
Pil. Woodpecker
2 Flickers
Red-bellies

Doves
Crows
7 Jays
Grackles
Starlings
House Sps.
Song "
C. Wrens
Goldfinches
Chickadees
Titmice
Nuthatches
Field Sps.
Chipping "

away 4:15-8:25 P.M. —
"Nighthawk Watch" - Bull Run

Downys
8 Ch. Swifts (2cc)
Peewees
Hummingbirds

Bobwhite
10 Nighthawks (10cc)

Blues (at Bull Run Park):
4-5 doves
1 Y.-b. Cuckoo
167 Nighthawks
10-15 Ch. Swifts
2 Flickers
1 Pil. Woodpecker
2 Downys
1 E. Kingbird
2 Peewees
5-6 Barn Swallows

40-45 P. Martins
1 Jay
3 Crows
1 C. Wren
1 Catbird
5-6 Robins
100+ Starlings
1 Yellow-th. W.
6-8 Redwings
500+ Grackles
2 Goldfinches

Monarch butterflies

Away 10:30 A.M. - 2:00 P.M. -

8-27-78 Sun. 73° - 83°
Heavy, low overcast;
wind S; S-SW, S-20 mph. Light showers
began 2:15 P.M. - acc. to about 4:30

* (?)
30-40 Bobolinks ✓ 30-40 Dowes
1-2 Indigo Buntings 4 Crows
1 Br. Thrasher 4-6 Jays
2-3 Catbirds. 200+ Grackles
~~15~~ 4 P. Martins 300+ Starlings
3-5 Peewees 15-25 (12mm) House Spr.
2 Hummingbirds ♂ 3-5 Song "
2 Yellow-throats 2 C. Wrens
30-40 Robins (4-5 Y) 2 Goldfinches
20-30 Cardinals 2 Chickadees
4-5 Mockers 4-5 Titmice
1 Flicker 2 Nuthatches
2 Red-bellies 4-6 Field Spr.

(15-2 pr Johnstons)
1-2 Doowys 3-5 Chipping Spr.
4 Barn Swallows 1 Gr. Flycatcher
2 Bl.-gr. Gnatcatchers 1 Killdeer.
~~235~~ Nighthawks 3 at 5:50 PM 1 C. Warbler
~~243~~ (243)

✓ Bobolinks in two flocks about
7:00-7:15 A.M. - could only
guess at numbers from
voices.

8-28-78 Mon. 74° - 86°
Heavy, low overcast; thunder
in West, 4:00 - 5:15 P.M. -
light SW winds, 2-10 mph -
Heavy thunder in west x

2 No. Orioles
3-5 Peewees
2 Catbirds
249 P. Martens (249)
4 Barn Swallows
2 Hummingbirds
15-20 Robins
20-30 Cardinals
4-6 Mockers
2 Pil. Woodpeckers
2 Flickers
2 Red-bellies
2 Downys
1 Red-shoulder
1 Sc. Tanager
1 Wh.-eyed Vireo
8-20 Ch. Swifts
1 Hairy Woodpecker
2-3 Bluebirds
1 Wood Thrush

30+ Doves
4 Crows
4-5 Jays
Grackles
Starlings
15-25 House Spo. "
4-6 Song
2 C. Wrens
2 Goldfinches
1-2 Chickadees
3-5 Titmice
2 Nuthatches
3-5 Field Spo.
4-6 Chipping "
2 Bob Whites
1 TV
493 Nighthawks (8-E-W 5:00 AM (493)

No Red-eyed Vireos!

8-29-78 Tues. 72° -
High, thin clouds, all day -
wind NNE, 5-10 mph. to mid-afternoon - humid.

1 Towhee
1 Sc. Tanager
3-4 Bluebirds
2 Magnolia (8 min.) Wr. Δ
3-4 Cowbirds
2 Hummingbirds
1 Red-shoulder
1 Red-eyed Vireo (5)
1 White-eyed "
2 Catbirds
1 T.V.
4-5 Robins
25-30 Cardinals
4-6 Mockers

30-40 Doves
5 Crows
3-4 Jays
30-40 Grackles
50+ Starlings
15-20 House Spo.
4-5 Song
2 C. Wrens
2 Goldfinches
1-2 Chickadees
3-5 Titmice
2 Nuthatches
4-5 Field Spo.
4-5 Chipping "

1 Pil. Woodpecker
~~Flicker~~
2 Red-bellies
2 Downys
7/29 Nighthawks 58-NW/SE- 6:10 PM
1 Wood Thrush

2 Bob-whites
57 P. Martins
4-5 Barn Swallows
2 Bl.-g. Gnatcatchers
5 Ch. Swifts

8-30-78 Wed. 73°-86°
Overcast early - sunny
mid-day; occ. very light
breezes; rain & violent
thunderstorm beg. 10:30
P.M. Rain = 0.85"

200. Bobolinks
2 White-eyed Vireos
1 Sc. Tanager
2-4 Bluebirds
3-5 Peewees

30+ Doves
(25) 5 Crows
3-4 Jays
Grackles
Starlings

Young 'chuck in yard 3X ~~2X~~

1 Red-eyed Vireo 20-40 25 House Spr.
2 Hummingbirds 3-6 Long "
5 Barn Swallows 2 C. Wrens
38+ P. Martins NW-SE 2 Goldfinches
2 Catbirds 1-2 Chickadees
20-30 Robins 3-5 Titmice
20-30 Cardinals 2 Nuthatches
4-6 Mockers 3-5 Field Spr.
2 Red-bellies 3-5 Chipping "
1-2 Downys 2 Bob-whites
1 Flicker 1 Wood Thrush
2 Bl.-g. Gnatcatchers Yellowthroat
1 Ch. Flycatcher 3-4 Ch. Swifts
86 Nighthawks 54-E-W 5:30 PM 1 Killdeer
1 Hairy Woodpecker
2-3 Veeries (early A.M.)
Monarch butterflies

8-31-78 Thurs. 72°-82°
Heavy overcast; occ. light showers with heavy thunder, 2:50 P.M. to 5:30 P.M.
Rain = 0.1"

1 Rose-br. Grosbeak (C-S) 30+ doves
2-3 Veeries (in yard)
1 Yellowthroat
1 White-eyed Vireo
2 Hummingbirds
3-5 Peewees
2 Catbirds
3-4 Bluebirds
25-30 Robins
20-30 Cardinals
6 Mockers
2 Red-bellies
1-2 Downys
1 Pil. Woodpecker
5 Crows
2-3 Jays
75-100 Grackles
200+ Starlings
20+ House Sps.
4-5 Song " (Y)
2 C. Wrens
2 Goldfinches
2 Chickadees
3-5 Titmice
2 Nuthatches
3-5 Field Sps.
3-5 Clay-colored "

8 Dragonflies together.

1 Y.-b. Cuckoo
2 Bl.-gr. Gnatcatchers
5 Barn Swallows
8 P. Martins (8:30)
75+ Nighthawks {4 3:55 PM NE-SW
2 Bob-whites
6-8 Ch. Swifts
1 Wood Thrush

Nighthawks & martins migrating earlier than usual (3:55 P.M.) - probably because of heavy overcast. Count on Nighthawks partly an estimate, because of great amount of circling at times.

9-1-78 Fri 68°-75°
Heavy overcast - misty drizzle 7:05 A.M. - 7:15 A.M.
Winds NE, 10-20 mph. - sunny much of day; great day.

Young Chuck in yard.

1 Y.-b. Cuckoo (s)
1 White-eyed Vireo (s)
2 B.-g. Gnatcatchers
3-5 Peewees
2 Catbirds
2 Hummingbirds
4-5 Robins
20-30 Cardinals
5-6 Mockers
1-2 Red-bellies
1-2 Downys
8 Ch. Swifts
24 P. Martins
12 Nighthawks

30+ doves
4-5 Crows
1-2 Jays
200 Starlings
20-25 House Sps.
3-5 Song "
2 C. Wrens
2 Goldfinches
2 Chickadees
3-5 Titmice
2 Nuthatches
3-5 Field Sps.
3-5 Chipping "
59 2 Robins
NE-SW
6:05

Couldn't count after 7:30 P.M.

9-2-78 Sat. 58° - 80°
Cloudless; wind NE, 5-15 mph
- fine day!

2-3 Peewees
2-3 Bluebirds
1 White-eyed Vireo
1 Towhee
2 Catbirds
3-5 Peewees
20+ Robins
20-30 Cardinals
5-6 Mockers
1-2 Red-bellies
1-2 Downys
1 Red-shoulder
2 Hummingbirds
2 No. Orioles
1 Pil. Woodpecker

30+ doves
5 Crows
2 Jays
30-40 Grackles
200-300 Starlings
20-25 House Sps.
3-5 Song "
2 C. Wrens
2 Goldfinches
2 Chickadees
3-5 Titmice
2 Nuthatches
3-5 Field Sps.
3-5 Chipping "
3 Robins

Br. Concorde 10:45 AM

1 Killdeer ✓ 50± Ch. Swifts
1 yellowthroat 3 TVS
~~1 Pil. Woodpecker~~ 12 P. Martins
2 Nighthawks

9-3-78 Sun. 60°–83°
High hazy clouds; calm
in a.m.; wind in aft.,
NE, 5–10 mph.
Fairly cloudy in aft.

3-4 Bluebirds 30+ Doves
1 Cr. Flycatcher 4-5 Crows
2 White-eyed Vireos 2 Jays
1-2 Red-eyed " Grackles
✓ 2 Magnolia Ws. Starlings
✓ 1-2 Veeries 20-25 House Sps.
1 Towhee 3-5 Song "
2 Catbirds 2 C. Wrens

Fr. Concorde 5:55 PM

3-5 Peewees 2 Chickadees
14 & Robins 3-5 Titmice
20-30 Cardinals 2 Nuthatches
5-6 Mockers 3-5 Field Sps.
1-2 Pil. Woodpeckers 3-5 Chipping "
2 Red-bellies 2 Bob Whites
2 Downys 3-4 (?) Bobolinks
1 Flicker 2 Hummingbirds
1 Yellowthroat ✓ 2 P. Martins
✓ Tennessee W. ✓ Ch. Swifts
✓ Rose-br. Grosbeak ✓ 1 Cape May W.
2 Bl.-g. Gnatcatchers 1 Killdeer
✓ 11 Nighthawks 5:15-NW 5:35 1 Wood Thrush
1 Thrasher

Catbirds, Mockingbirds,
and Cardinals enjoying
fruit of Acalia Spinosa

9-4-78 Mon. 59°—81°
Labor Day.
Cloudless; wind NE,
5-15 mph.

✓ 12-15 Bluebirds ✓ 30+ Doves
1 Phoebe in yard 4-5 Crows
✓ 2 White-eyed Vireos 1-2 Jays
2 Catbirds 25-100 Grackles
3-5 Pewees 200+ Starlings
1 Thrasher 20-25 House Sps.
1 Cr. Flycatcher 3-5 Song "
5+ Robins 2 C. Wrens
20-30 Cardinals 2 Goldfinches
5-6 Mockers 2 Chickadees
1-2 Red-bellies 3-5 Titmice
1-2 Downys 2 Nuthatches
(X) 1 Red-shoulder 3-5 Field Sps.

2 Chimney Swifts 3-5 Chipping Sps.
1 TV 2X 2 Bobwhites
1 Yellowthroat 8 Δ 2X 8mm. +5 Ch. Swifts
✓ 1 Bl. & Wh. W. 8 Δ 1 Killdeer
2 Nighthawks {2-W-E 6:30 PM 2 Gnatcatchers
1 Towhee 1 R-e. Vireo
1 Wood Thrush
No Purple Martins!
✓ 11 Bluebirds (5-N) in one flock.

9-5-78 Tues. 52°-84°
Cloudless, chilly; calm in A.M. — light breezes in P.M.

✓ 8-10 Bluebirds ✓ 30+ Doves
✓ 1-2 Veeries 4/5 Crows
✱ 1-2 Swainson's Thrushes 1-2 Jays
2 White-eyed Vireos 20+ Grackles

3 deer in Hampshire's "near" meadow - doe + 2 large (but spotted) fawns.

1 Red-eyed Vireo
1 Red-shoulder
4-5 Robins
20+ Cardinals
5-6 Mockers
1 Flicker
1-2 Red-bellies
1-2 Downys
2 Catbirds
3-5 Peewees
✓ 1 Magnolia W.
✓ 2 Cape May Ws.
✓ 1 Tennessee W.
1 Cr. Flycatcher
1 Pil. Woodpecker
2 Bl.-gr. Gnatcatchers

100± Starlings
20-25 House Spo.
3-5 Song "
2 C. Wrens
2 Goldfinches
2 Chickadees
3-5 Titmice
2 Nuthatches
3-5 Field Spo.
3-5 Chipping "
2 Bobwhites
Ch. Swift
✓ 1 Cowbird ♂
1 Se. Tanager ♀
✓ 1 P. Martin
1 Thrasher

No Nighthawks

✓ 6 Bluebirds (5-M) in one flock.

9-6-78 Wed. ~~57°~~ 57° - 86°
Cloudless; calm in A.M.; few high, hazy clouds in west in late aft.; wind in afternoon NE, 5-10 mph.

13 Bluebirds ✓
1 Thrasher 2x
1 Killdeer
3-5 Peewees
2 Catbirds
1-2 American Redstarts (2♂)
2 White-eyed Vireos
2 Blu-gr. Gnatcatchers
2-3 Robins
20-30 Cardinals
5-6 Mockers
1-2 Red-bellies
1-2 Downys
~~Peewees~~

30-40 doves
4-5 Crows
1-2 Jays
10-15 Grackles
20-30 Starlings
20-25 House Spo.
3-5 Song "
2 C. Wrens
2 Goldfinches
2 Chickadees
3-5 Titmice
2 Nuthatches
3-5 Field Spo.
3-5 Chipping "

8 TVs 10:25 AM 2 Bob Sheets

1 Barn Swallow 1 Nighthawk

1 Red-shoulder 4 P. Martins

5-6 Ch.-Swifts 1 Warbler (sp?)

1 Red-eyed Vireo 4 Nighthawks

2 Hummingbirds 1 Wood Thrush

1 Cape May W.

13 E. Bluebirds in one flock, flying same route as last few days

3 First two Nighthawks NW-SE, 5:40 P.M.

2 8 TVs flying N-S together, 10:25 A.M. - 6 in flock - 2 to rt. side. Then four formed a rough "diamond", and disappeared into South in same formation — later in day, two singles.

9-7-76 Thurs. 61° — 89° Few high clouds, calm a.m. Wind in afternoon N, 5-10 mph.

23 Bluebirds	5-N (as part days)	30-40	Doves
2 Grasshopper Sparrows		5	Crows
2 White-eyed Vireos		12	Jays
2 Catbirds		10,000±	Grackles
3-5 Peewees		100+	Starlings
1 Red-eyed Vireo		20-25	House Spo.
2 Thrashers		3-5	Song "
4-5 Robins		2	C. Wrens
20+ Cardinals		2	Goldfinches
5-6 Mockers		2	Chickadees

1 Flicker 3-5 Titmice
1-2 Red-bellies 2 Nuthatches
1-2 Downys 3-5 Field Sps.
1 Killdeer 3-5 Chipping "
1 Red-shoulder 2 Bobwhites
1 Tennessee W. Ch. Swifts
1 Pil-Woodpecker, 3 T Vs
2 Hummingbirds 1 Wood Thrush
1 Bl. & Wh. W.

✓ 2 Thrushes in Beech tree in A.M. - one flying crazily around and around in Beech for 5 minutes - as Jays do so often - Why?

9-8-78 Fri. 72° - 84°
Overcast; calm in A.M. breeze in P.M., 5-10 mph NE

2-3 Bluebirds [5-N 7:00 AM
3-5 Peewees
2 Catbirds
✓ 2-3 Hermit Thrushes
2 Hummingbirds
2 White-eyed Vireos
Robins
20+ Cardinals
5-6 Markers
1 Flicker
2 Red-bellies
1-2 Downys
1 Towhee
1 Thrasher
✓ 1 Cowbird (Y)

30+ Doves
5-6 Crows
1-2 Jays
20+ Grackles
30-50 Starlings
20-25 House Sps.
3-4 Song "
2 C. Wrens
2 Goldfinches
2 Chickadees
3-5 Titmice
2 Nuthatches
3-5 Field Sps.
3-5 Chipping "
2 Bobwhites

(*) 1 Red-shoulder * 2 Palm Ws. 5:07 PM
✓ 1 Phoebe 10-15 5:50 PM Ch. Swifts 5:50 PM
✓ 19 Nighthawks 4 P. Martins
1 Wood Thrush

2 Palm W's. hunted along fence line, into Arabia, then into Rt. clothes-line tree.

9-9-78 Sat. 74° - 83°
Scattered clouds early - overcast by noon - and all afternoon - occ. brief sunlight - wind NNE, 5-15 mph all afternoon

4-5 Bluebirds 3-N
3-5 Peewees
2 White-eyed Vireos
2-3 Swainson's Thrushes
1-2 Veeries
30+ Doves
4-5 Crows
2 Jays
Grackles
Starlings

Away 6:45 A.M.-16:50 A.M. -- leading walk in Bull Run Park.

2 Palm Warblers (cc) 25-30 House Sps.
4-5 Robins 3-5 Song "
25-30 Cardinals (♂♀) 2 C. Wrens
5-6 Mockers 2 Goldfinches
2 Red-bellies 2 Chickadees
1-2 Downys. 4-5 Titmice
1 Yellowthroat 2 Nuthatches
1 Pil. Woodpecker 3-5 Field Sps.
1 Flicker 3-5 Chipping "
2 Hummingbirds 2 Box Turtles
4 P. Martins 1 Phoebe
1 Wood Thrush 4-5 Ch. Swifts
No Nighthawks
young chuck in yard.

9-10-78 Sun. 62° - 75°
Overcast; calm in A.M. about 10:00 A.M., wind began from NE, then SE & SSW, 10-20 mph - fine day - some sunshine; but so dry!

Young "chuck in yard
+ Rabbit"

✓ 2-4 Bluebirds
1 Y.-b. Cuckoo
2 White-eyed Vireos
✓ 1 Swainson's Thrush
✓ 2 Veeries
2 Hummingbirds
(*) 1 Red-shoulder
3-4 Robins
25-30 Cardinals
5-6 Mockers
1 Flicker
2 Red-bellies
1-2 Downys
✓ 2 C. Waxwings
2 Catbirds
1 Thrasher
✓ 1 Purple Martin
✓ 1 Rose-b. Grosbeak
✓ Red-shoulders twice - in trees.
✓ (*) 50-75 or more TVs at West or Road Land-fill

30+ Doves
4-5 Crows
2-3 Jays
4-5 Grackles
20-30 Starlings
25-30 House Sps.
3-5 Song "
2 C. Wrens
2 Goldfinches
2 Chickadees
4-6 Titmice
2 Nuthatches
4-5 Field Sps.
4-5 Chipping "
2 Bobwhites
✓ 1 Cape May W.
1 Killdeer

Front Yard

9-11-78 Mon. 69°-
Scattered high clouds; cloudy by 8:00 A.M., then clearing - wind SW, 5-15 mph. - fine day.

✓ 3-4 Bluebirds S, N 7:00 AM 30+ Doves
✓ 1-2 White-eyed Vireos 5-6 Crows
3-5 Peewees 3-4 Jays
2 Catbirds 10-15 Grackles
3-4 No. Orioles 25-30 Starlings
✓ 4 Rose-b. Grosbeaks 25-30 House Sps.
2 Hummingbirds 3-5 Song "
✓ 1 Thrasher 2 C. Wrens
1 Cr. Flycatcher 2 Goldfinches
1 Red-eyed Vireo (s) 2 Chickadees
1 TV 4-5 Titmice
4-5 Robins 2 Nuthatches
25-30 Cardinals 4-5 Field Sps.
4-6 Mockers 4-5 Chipping "

young chuck in yard.

1 Pil. Woodpecker 2 Bob-Whites
1 Flicker 1 Red-shoulder
1-2 Red-bellies 3 Ch. Swifts
1-2 Downys 1 Killdeer
3-4 ~~Bay~~ ~~Lapot~~ Crested Fs.

9-12-78 Tues. 70°-
Hazy; after 10:00 A.M. —
fairly sunny - light breezes.
Sudden rain beg. 9:40 P.M.
Rainfall = 0.8"

3-4 Bluebirds 5-6 Crows
2-3 Swainson's Thrushes 2-4 Jays
2 Bobolinks 10-15 Grackles
2 Hummingbirds 40-50 Starlings
3-5 Pewees 25-30 House Sps.
2 Veeries 3-5 Song "
2 White-eyed Vireos 30+ Doves

2 Catbirds 2 C. Wrens
1 Red-shoulder 2 Goldfinches
(Lo. Tanager (s) 2 Chickadees
Robins 4-5 Titmice
25-30 Cardinals 2 Nuthatches
5-6 Mockers 3-5 Field Sps.
1-2 Pil. Woodpeckers 3-5 Chipping"
1 Flicker 2 Bob-Whites
2 Red-bellies 2 Rose-br. Grosbeaks
1-2 Downys 1 House Wren
1 Yellowthroat

9-13-78 Wed. 62°-70°
Heavy overcast; occ. light
mist, beginning 7:30 A.M. —
for 1 hr. or so — then wind NE,
10-15 mph. — cool all day —

2 White-eyed Vireos
2 Catbirds
3-5 Pewees
2-3 Veeries
2-3 Robins
25-30 Cardinals
5-6 Mockers
1 Flicker
2 Red-bellies
2 Downys
16 Bluebirds ✓
1 Red-eyed Vireo (s)
1 TV
1 Pil. Woodpecker
✓ 1 Cape May W.
✓ 1 Red-shoulder
✓ 1 Canada W.
2 Rose-br. Grosbeaks
1 Killdeer ✓ or Swainson's
2 Hummingbirds

30+ Doves
4-6 Crows
3-4 Jays
2-3 Grackles
15-20 Starlings
25-30 House Sps.
3-5 Song "
2 C. Wrens
2 Goldfinches
2 Chickadees
4-6 Titmice
2 Nuthatches
3-5 Field Sps.
3-5 Chipping "
2 Bobwhites
* 1 Redstart
✓ 1 Yellowthroat
✓ 1 Phoebe
Thrushes

Lucy Johnston reports a sizable flock of Goldfinches in her field, with some "olive-colored" birds - perhaps Indigo Buntings?

✓ 16 Bluebirds flying 5-11 in one flock.

9-14-78 Thurs. 60° - Overcast; wind E, 5-10 mph.

4-5 Bluebirds
4-6 Sc. Tanagers 4 Sp the 2 ♀♀
8 Rose-br. Grosbeaks
2 White-eyed Vireos
2-3 Red-eyed Vireos

30+ Doves (s)
4-5 Crows
2-3 Jays
2 Grackles
5-10 Starlings

Young chuck in yard, eating apple.

all AM.

1 House Wren (5)
2-3 Robins
~~5-30~~ Cardinals
4-6 Mockers (5)
1-2 Red. Woodpeckers
2 Flickers
2 Red-bellies
1-2 Downys
2 Catbirds
3-5 Peewees
2 Ruby-cr. Kinglets 5-6 ~~3-4~~
2 Hummingbirds
3-4 Swainson's Thrushes
2-3 Thrashers
2 Red-headed Woodpeckers
2 Redstarts
1 Killdeer
7 Bl.-g. Gnatcatchers
1 Wood Thrush
1 Nighthawk 6:55 P.M.

25-30 House Spr.
4-5 Song "
2 C. Wrens
2 Goldfinches
2 Chickadees
3-5 Titmice
2 Nuthatches
3-5 Field Spr.
3-5 Chipping "
2 Bobwhites
~~5-6~~ 4 Vireos
1 Bl.+Wh.-W. Jr
1 TV
~~2 Towhees~~ 2d

No Ch. Swifts!

9-15. 78 in. 64°-77°
Shower began 6:00 A.M. - stopped about 7:10 - heavy overcast; wind NE, 5-15 mph. - shifting to SE, S, SSW - cloudless and sunny in P.M. - Rain = 0.1+

1 Nashville W.
3-4 Swainson's Thrushes
2-3 Gray-ch. "
3-4 Vireos
4-6 Bluebirds
2 White-eyed Vireos
2 Red-eyed "
2 Thrashers
2 Catbirds
3-5 Peewees
2 Hummingbirds
9 Rose-br. Grosbeaks

30+ Doves
7 ~~Crows~~
2-3 Jays
4-5 Grackles
10-15 Starlings
25-30 House Spr.
3-5 Song "
2 C. Wrens
3 2 Goldfinches
2 Chickadees
3-5 Titmice
2 Nuthatches

Young 'Chuck in yard
1 Rabbit

50-60 Robins
20-30 Cardinals
4-6 Mockers (5)
2 Pil. Woodpeckers
2 Flickers
2 Red-bellies
1-2 Downys
3-5 Field Spo.
3-5 Chipping "
2 Bobwhites
3-4 Ch. Swifts
2 Redstarts
1 Wood Thrush

9-16-78 Sat. 60° - 83°
Heavy fog; then a brilliant, cloudless day; wind SE, 5-15 mph. Sudden thunderstorm hit about 5:35 or 5:40 P.M.

12-15 Bluebirds S-N
6 Rose br. Grosbeaks
2 White-eyed Vireos
1 Redstart
5-6 Swainson's Thrushes
3-4 Veeries
30-40 Doves
5 Crows
2-3 Jays
~~100~~ 10-15 Grackles
20-25 Starlings
25+ House Spo.

'Chuck in yard
FULL MOON

3-5 Peewees
2 Catbirds
2 Thrashers
3 Cape May Wbs.
2 Red-shoulders
2 Broad-wings {N-S 3:50 PM
1 Broadwing {N-S 3:55 PM
4 Ch. Swifts
3 Killdeer
15-100 ~~20-30~~ Robins
25-30 Cardinals
4-6 Mockers (5)
2 Pil. Woodpeckers
1-2 Flickers
2 Red-bellies
2 Downys
4-6 Song Spo.
2 C. Wrens
2 Goldfinches
2 Chickadees
4-5 Titmice
2 Nuthatches
4-6 Field Spo.
4-6 Chipping "
2 Bobwhites
2 Sc. Tanagers
1 Wood Thrush
60 Nighthawks 5:15 PM

60 Nighthawks came thru (N-S) in 2-3 minutes - then sudden thunderstorm hit - ending flight.

9-17-78 Sun. 69°-82°
Chapter pot-luck here today —
Cloudless, but hazy — cloudy early afternoon — then clear and great!

3-4 Veeries
45 Swainson's Thrushes
3-4 Cape May WS.
1 Wood Thrush
2-4 So. Yellowthroats (1s)
4 Nro. Orioles
2 Catbirds
2 Thrashers
3-5 Pewees
50-60 Robins
25-30 Cardinals
4-6 Monkeys (1)
1-2 Pil. Woodpeckers
2 Flickers
30+ Doves
5 Crows
3-4 Jays
10-15 Grackles
10-15 Starlings
25-30 House Sp.
3-5 Song "
2 C. Wrens
2 Goldfinches
2 Chickadees
4-5 Titmice
2 Nuthatches
3-5 Field Sp.
3-5 Chipping "cc

2 Red-bellies
2 Downies
10-15 Bluebirds
5 Ch. Swifts
2-3 C. Waxwings
*1 Chestnut-sided W.
~~8-10 Rose~~
at least 49 persons here —
2 Bob Whites
2 Rose-b. Grosbeaks
3 TVs
3 Nighthawks
* Summer
Tanager
JMA

9-15-78 Mon. 66°-86°
Heavy fog — then sunny — few high, small clouds — winds N, 5-10 mph.

8-10 Bluebirds
3-5 Veeries
3-4 Swainson's Thrushes
2-4 Redstarts
30+ Doves
5-6 Crows
3-4 Jays
500+ Grackles

4-5 Peewees
2 White-eyed Vireos
1 Red-eyed Vireo
2 Catbirds
1 Red-shoulder
50-60 Robins
20-30 Cardinals
4-6 Mockers
1 Pil. Woodpecker
1 Flicker
2 Red-bellies
2 Downys
1 Wood Thrush
2 Phoebes in yard
8 Rose-b. Grosbeaks
1 Osprey {NW-S 5:25
1 Chestnut-S. 40'
1 Nighthawk {W-E 6:15 PM

50+ Starlings
25-30 House Sps.
3-6 Song "
2 C. Crows
2 Goldfinches
5+ Chickadees
4-5 Titmice
2 Nuthatches
3-5 Field Sps.
3-5 Chippies "
2 Bobwhites
2 Thrashers
2 Cape May Ws.
1 Killdeer
4 TVs

We used air conditioner & fans over night

9-19-78 Wed. 64°-90°
Very tiny shower at 7:00 A.M. - clearing somewhat by 9:00 AM
Occ. clouds in P.M.; wind NE-N-NW, from 5-25 mph.
Wonderful cool late afternoon!

4-5 Bluebirds
2 White-eyed Vireos
1-2 Hummingbirds
3-5 Peewees
2 Catbirds
6+ Thrashers
2-3 Vireos
2-3 Swn. Thrushes
40-50 Robins
20-30 Cardinals
4-6 Mockers
1 Flicker
2 Red-bellies
2 Downys

25-35 Doves
5-6 Crows
8-10 Jays
10-15 Grackles
20-30 Starlings
25-30 House Sps.
3-5 Song "
2 C. Wrens
2 Goldfinches
2 Chickadees
3-6 Titmice
2 Nuthatches
3-5 Field Sps.
3-5 Chipping "

Young 'chuck in Yards

✓ 1 Nashville W. 1-2 Bob Whites
8-9 Rose-br. Grosbeaks 1 TV's
2-3 Sc. Tanagers 5 Ch. Swifts

✓ Jay flights beginning?

9-20-78 Wed. 64°–75°
Overcast all day; light breeze;
heavy fog in A. M. Wind
in afternoon S.W., 5-15
m.p.h.

2-3 C. Waxwings 25-30 Doves
10 Rose-br. Grosbeaks 4-6 Crows
3-4 Cape May Ws. 20+ Jays
2 Catbirds 75-100 Grackles
3-5 Peewees 30-40 Starlings
2-3 Thrashers 25-30 House Sp.
30-40 Robins 3-5 Song Sp.
20-30 Cardinals 2 C. Wrens
5-6 Mockers 2 Goldfinches
2-3 Flickers 2 Chickadees
2 Red-bellies 3-5 Titmice
2 Downys 2 Nuthatches
2 White-eyed Vireos 3-5 Field Sp.
1 Red-eyed Vireo 3-5 Chipping"
✗ 1 Kestrel 5N-S 5:40 PM 2 Bob Whites
1 Rd. Woodpecker ✗ 4 Bl.-th. Gr. Ws.
1 Killdeer

9-21-78 Thurs. 67°–80°
Overcast; clearing by
9:00 A.M. — hot, humid
breeze NE 5-10 mph –

4-5 Bluebirds
(*) 1 Red-shoulder
1 Yellowthroat
4-5 Cape May Ws.
5 Rom-br. Grosbeaks
1 Red-eyed Vireo
2 Catbirds
3-5 Peewees
2-3 Thrashers
30-40 Robins
25-30 Cardinals
4-6 Mockers
2 Flickers
2 Red-bellies
2 Downys
1 Pil. Woodpecker
3 Redstarts
3 Ch. Swifts

30-40 Doves
5-6 Crows
60-70 Jays
100+ Grackles
60-70 Starlings
(5) 25-30 House Sps.
3-5 Song "
2 C. Wrens
2 Goldfinches
2-3 Chickadees
3-5 Titmice
2 Nuthatches
3-5 Field Sps.
3-5 Chipping "
2 Bobwhites
2 Killdeer
1 TV

9-22-78 Fri. 70°-82°
Heavy fog; overcast, bit of sun in P.M. - wind in aft. NW, 10-25 mph.; light drizzle began about 5:00 PM = 0.3" rain

3-4 Wood Thrushes 6:00 AM
(*) 1 Red-shoulder
2 Catbirds
3-5 Peewees
2 Thrashers
4-5 Bluebirds
20-30 Robins
25-30 Cardinals
4-6 Mockers
2 Flickers
2 Red-bellies
1-2 Downys
3 Rose-br. Grosbeaks
30-40 Doves
40-50 Jays
Grackles
30-35 Starlings
25+ House Sps.
3-5 Song "
1-2 C. Wrens
2 Goldfinches
3 Chickadees
3-5 Titmice
2 Nuthatches
3-5 Field Sps.
3-5 Chipping "

1-2 Bobwhites

9-23-78 Sat. 60°-68°
Autumn begins
5:26 A.M.

Overcast, cool, Wind NE
10-15 mph; some sun
mid-aft. - then very cloudy

√
2-3 C. Waxwings
√ 3 Rose-br. Grosbeaks
3-5 Peewees
2 Catbirds
2 Thrashers
√ 2 Redshirts
1 Yellowthroat
* 1 Chipping √
40+ Robins

30-40 √ Doves
√ 8 Crows
30 Jays √
40-50 Grackles √
50-60 Starlings
25-35 House Sps.
3-5 Song "
1-2 C. Wrens
2 Gold Finches

Away 8:40 A.M. - 4:00 P.M. -
Horse Show + errands.

20-30 Cardinals
4-6 Mockers
3 Flickers
2 Red-bellies
1-2 Downys
√ 1-2 Cape May Ws

2-3 Chickadees
3-5 Titmice
2 Nuthatches
3-5 Field Sps.
3-5 Chipping "
1-2 Bobwhites

√ Numbers not significant - away too much of day.

√ Sharpskin dashed low into one of cherry trees - a few minutes later came out and flew south.

/ Red-shoulder circling South over Shoenfelder's field.

* Bob Ellis reports 20-25 C. Geese over his home in Vienna.

9-24-78 Sun. 55°-69°
Lion's Horse Show Day.
Cloudy; light NW

X AWAY 10:15 A.M. — 5:30 P.M.

✓ 8 Bluebirds (5-N) 35-50 Doves
1 Ch.-sided W. 6-8 Crows
1 Sc. Tanager 75-100 Jays
✓ 9 Rose-b. Grosbeaks 600 Grackles
2 Catbirds 100+ Starlings
3-5 Peewees 25-30 House Sps.
2 Thrashers 4-6 Song "
300+ Robins 2 C. Wrens
20-35 Cardinals 2 Goldfinches
5-6 Flickers 3 Chickadees
1 Pil. Woodpecker 4-5 Titmice
8-10 Flickers 2 Nuthatches
2 Red-bellies 3-5 Fieldsp.
1-2 Downys 3-5 Chipping "

X Fawn in Vaggey's meadow
Young "Chuck" in Yard
✓ 1 Hummingbird 1-2 Bobwhites
✓ 1 Sc. Tanager
X ✓ 1 Kestrel (5N-5 (6:30 PM
✓ 2 Cape May Ws.

Count only minimal because I was away most of day.

9-25-78 Mon. 50°—77°
Cloudless; calm in A.M.
NE wind began 9:00 A.M. (5-10 mph), about 3:00 PM, (0-20 mph. (after 4:30 wind about 10 mph

✓ 10-15 Bluebirds 30+ Doves
✓ 10-15 C. Waxwings 100+ Crows
2 Catbirds 100+ Jays
2-3 Peewees 500+ Grackles
✓ 1 House Wren 100+ Starlings
200+ Robins 25-35 House Sps.

young chuck in yard.

25+ Cardinals
5-6 Mockers
2-3 Flickers
2 Red-bellies
2 Downys
1-2 TVs
(*) 1 Broadwing
✓ 1 Ch. Swift
(*) 1 Kestrel
(*) 1 Kestrel
✓ 1 Red-br. Grosbeak
3-5 Song Sps.
2 C. Wrens
1-2 Goldfinches
2-3 Chickadees
3-5 Titmice
2 Nuthatches
{N-S 3:05 PM} 3-5 Field Sps.
2-3 Chipping "
1-2 Bob Whites
{N-S 4:50 PM}
{NE-SW 4:55 PM}
1 Thrasher

9-26-75 Fri. 47°—
Jack Phillips died 3:00
P.M. today — talked with
him at 9:00 last night.

Cloudless, chilly —
wind NNE, 5-15 mph.

at Johnston's {4 Bucks 9/15; 1 doe with fawn; 1 doe with Twins
✓ 10-15 Bluebirds
✓ 12 C. Waxwings
✓ 2 Tree Sws
1-2 Thrashers
2 Catbirds
✓ 3 Rose-br. Grosbeaks
(*) 1 Brown Creeper
100-300 Robins
25-30 Cardinals
5-6 Mockers
4-6 Flickers
2 Red-bellies
2 Downys
2 TVs
(*) 1 Red-shoulder
2-3 Peewees
(*) ✓ 1 Red-tail (ee) 11:45 AM
2-3 Chestnut-sided WS.
✓ Ch. Swift
✓ Probably local birds
30+ Doves
12-15 Crows
700-800 Jays
Grackles
Starlings
25-35 House Sps.
3-5 Song "
1-2 C. Wrens
1-2 Goldfinches
2-3 Chickadees
3-5 Titmice
2 Nuthatches
2-3 Field Sps.
2-3 Chipping "
1-2 Bob Whites
✓ 2 Cape May WS.
(*) 1 Kestrel {N-S 5:40 PM} Calm

9-27-78 Wed. 40°–71°
Cloudless; calm early;
then 9:00 A.M., wind S, 10-15 mph.
to about 4:30 P.M. – then
dropping to 2-5 mph.

√3 Towhees
2 Catbirds
2-3 Peewees
1-2 Thrashers
✓4 Rose-br. Grosbeaks
✓1 Phoebe
*1 Marsh Hawk (SE-W 8:25 AM Very Calico)
✓15 ~~14~~ C. Waxwings
3-400 Robins
25-30 Cardinals
5-6 Flickers
1 Pil. Woodpecker
4-5 Flickers
2 Red-bellies
1-2 Downys

30+ Doves
6 Crows
800-1000 Jays
Grackles
Starlings
200 House Sps
25-35 " "
3-5 Song "
1-2 C. Wrens
? Goldfinches
2-3 Chickadees
3-5 Titmice
2 Nuthatches
2-3 Field Sps.
2-3 Chipping "
2 Towhees

Young chuck in yard.

*1 Red-shoulder (L) √1 Ch. Swift
*1 Red-shoulder (N-S 12:40 P.M. SW, 30 mph)
4-5 Bluebirds

9-28-78 Thurs. 52°–75°
Hazy early; calm – beg.
about 10:00 A.M., wind NW
10-15 mph. Then – 3:00 P.M on
– N, 25 mph.

*1 Hermit Thrush
10-15 Bluebirds
1 White-eyed Vireo (S)
✓4 Rose-br. Grosbeaks
*1 Red-shoulder
1 Towhee
2 Catbirds
2-3 Peewees
200+ Robins

35-40 Doves
5-6 Crows
60+ Jays
300-400 Grackles
200+ Starlings
25-35 House Sps.
3-5 Song "
1-2 C. Wrens
2-3 Chickadees

Away 12:40 — 3:50 P.M. -
Jack Phillips' memorial
at Arlington Cem.

20-25 Cardinals
5-6 Mockers
1-2 Flicker
2 Red-bellies
2 Downys
1 Pil. Woodpecker
✓ 1 Wood Thrush
1 Phoebe
✓ 1 Wood Thrush dead at our mail box - perhaps hit wire over mail box or hit by car and bounced back.
3-4 Tufmice
2 Nuthatches
2-3 Cape May Ws.
20 C. Waxwings
✓ 1 Sc. Tanager
2 Goldfinches
3 TVs

Count is a minimum

9-29-75 Fri. 36° — 64°
Trace 2 feet in lower areas, cloudless until mid-aft.; then scattered cirrus clouds — wind NW, then NE + SE, 5-15 mph

✓ 1 Yellow-r. W.
✓ 40 Canada Geese 9:53 A.M. 7:55 P.M.
2 Catbirds
1 White-eyed Vireo (S)
20 C. Waxwings
✓ 1 Kingfisher
200+ Robins
25-30 Cardinals
5-6 Mockers
1 Pil. Woodpecker
4-5 Flickers
2 Red-bellies
1-2 Downys
30-40 Doves
6 Crows
400-500 Jays
200± Grackles
200+ Starlings
25-35 House Sps.
3-5 Song "
1 C. Wren
1-2 Goldfinches
2-3 Chickadees
3-5 Titmice
2 Nuthatches
5-6 White-throats

✓ 40 C. Geese at 7:53 P.M. - flying S-N, just above tree tops; calling sporadically

9-30-78 Sat. 38°-71°
I Abingdon and Nickelsville this A.M. 1st 8:25 A.M.

2 Kestrels + 1 Red-tail en route

Gr. Horned Owl
Thrashers
Catbirds

10-1-78 Sun 66°-71°
In Abingdon + at Sue's
Cape May Ws. Jays

10-2-78 Mon. 57°-70°
Nickelsville (Sue's) -

10-3-78 Tues. 46°-68°
Nickelsville to home -
1 Kestrel - many TVS, one
Marsh Hawk along ridge
North of Salem -

Home, 4:30 P.M. - partly
cloudy, pleasant -

Catbirds	Doves
Robins	Crows
Cardinals	Jays

Mockers
Red-bellys

Starlings
House Sps.
Song "
C. Wrens
Chickadees
Titmice

10-4-78 Wed. 67° - 65°
Heavy, low overcast; rain
began 7:25 A.M. - ~~ending~~
about 10:30 = 0.34".
Wind in aft., S, 5-15 mph

1 Towhee
4-5 Robins
20-25 Cardinals
5-6 Mockers
5-6 Flickers
2 Red-bellies

20+ Doves
5-6 Crows
300+ Jays
2-3 Grackles
~~500+~~ 1000 20+ Starlings
25-30 House Sps.

1-2 Downys
1 Pil. Woodpecker
4-5 C. Waxwings
1 Killdeer 2X
1 Catbird
1 Pewee
~~1 Hatchet~~
1 Sharpshin 4:40 P.M.
2-3 Bluebirds

1-2 Song Sps.
1-2 C. Wrens
2 Chickadees
2-3 Titmice
1-2 Nuthatches
1 Ch. Swift
1 TV
Cape May Os.

Sharpshin circling over our house and meadow for several minutes at 4:40 P.M. - then S.

10-5-78 Thurs. 57° - 59°
Cloudy - trace of fog -
Intermit. drizzle & light showers
beg. about noon - heavy, low overcast
all aft. - very dark; fog by 5:15 P.M.

Rain starting again 5:45 P.M. + in night = 0.4". Much lightning & thunder.

3-4 C. Waxwings
1 Catbird
X 1 Junco
300+ ~~3~~ Robins
20-25 Cardinals
5-6 Monkeys
2 Flickers
1-2 Red-bellies
1-2 Downys
✓1 Rose-b. Grosbeak
✓1 Cape May W. 1-2
2-3 Bluebirds
20-30 Doves
4-5 Crows
300+ Jays
15-20 Grackles
20-30 Starlings
25-30 House Sps.
3-5 Song "
1-2 C. Wrens
3 Chickadees
2-5 Titmice
Nuthatches
Phoebe

10/6/65 Fri. 51° – 63°
Heavy fog – calm in a.m.; wind in aft., N, 5-15 mph., shifting to NW in late aft.

✓✓ 1 White-throat(s)
✓ 1 Thrasher
4 Killdeers
1 Towhee 4th day
3-4 C. Waxwings
200+ Robins
20-25 Cardinals
5-6 Monkeys (5)
3-4 Flickers
2 Red-bellies
1-2 Downys
1 Catbird
6 Ch. Swifts
(*) 1 Kestrel { N-S 2:55 NNE 2-5 mph
2 Yellow-r. WS.
30+ Doves
4-5 Crows
50-60 Grackles
6-700 Starlings
25-30 House Sps.
2-3 Song "
1-2 C. Wrens
3 Chickadees
3-4 Titmice
1-2 Nuthatches
(*) 1 Red-shoulder { 2 NNE-SW 1:15 PM 69° 2 mod.
* 1 Cooper's H. { NNE-SW 1:15 PM 69°
✓4 TVs { NNE-SW 4:58 PM 68°
* 1 Red-tail

Cooper's – circling NNE-SW, very high – required 7x binocs to identify.
Kestrel – fairly low – circling NNE – SW
Red-tail – moderate height – NNE – SW.

Young Chuck in yard

10-7-78 bef. 47°-59°
Few scattered clouds; wind
NNE, 15-25 mph. ; shifting to
NW about 11:00 A.M. - 20-30 mph

✓ 1 White-throat (s) 25-35 Dover
✓ 4 Yellow-r. Ws. 4 Crows
50-60 20 C. Waxwings 100+ Jays
✓ 5-6 Bluebirds 30-40 Grackles
✓ 1 Kestrel 9:15 N-S 500± Starlings
✓ 1 Ruby-cr. Kinglet 25-30 House Sps.
2000+ Robins 2-3 Song "
20-25 Cardinals 1-2 C. Wrens
5-6 Mockers 1-2 Goldfinches
3-4 Flickers 3 Chickadees
2 Red-bellies 3-4 Titmice
1-2 Downys ✓ 2 Cape May Ws
✓ 1 Phoebe 1 TV 47X
✓ 3 Ch. Swifts

10-8-78 Sun. 46°-54°
Clifton DAY; away
7:50 A.M. - 7:00 P.M.
Partly cloudy; brief spatter
of rain 8:30 A.M.

✓ 1 Gr. Horned Owl Dover
✓ 3 Groundhogs Mrs. Crows
✓ 1 White-throat (s) A Jays
✓ 1 Yellow-r. W. Grackles
1 Towhee Starlings
1 Killdeer House Sps.
Robins Song "
Cardinals C. Wrens
Mockers Goldfinches
Flicker Chickadees
Red-bellies Titmice
Downys

✓ 2 ♂ White-throats at A -
by CC.

10-9-78 Mon. 30°-56°
Cloudless; thin skim of
ice on bird-bath - fairly
heavy frost in low areas.
Calm in a.m. - wind SW, 10-15 mph
in afternoon

✓3-4 Tow hees all day 30+ Doves
✓12-15 Yellow-r. Ws. 4 Crows
✓1 Catbird 200+ Jays
200+ Robins 40 Grackles
20-25 Cardinals 200 Starlings
4-6 Nuthens 25+ House Sps.
1 Pil. Woodpecker 1-2 Song "
3-4 Flickers 1-2 C. Wrens(s)
1-2 Red-bellies Goldfinches
1-2 Downys 2-3 Chickadees
3 TVs 4 Titmice
5-6 C. Waxwings ✓1-2 Juncos
8-10 White-throats 1 TV

2 Gray Foxes in N. Meadow
5:40 I ~~two~~ at 5:55 P.M.

10-10-78 Tues. 31°-63°
Few high, thin clouds;
heavy frost in low areas,
thin skim of ice on bird-bath.
Wind S, 5-10 mph.

✓2 Red-shouldered (Lord) 30-40 Doves
✓1-3 Tow hees 4-5 Crows
30-40 Yellow-r. Ws. 200+ Jays
✓2 Ruby-cr. Kinglets 50 Grackles
10+ C. Waxwings 200 Starlings
300+ Robins 20-25 House Sps.
20-25 Cardinals 3-5 Song "
4-6 Nuthens 1-2 C. Wrens
5-6 Flickers 4 Chickadees
1-2 Red-bellies 3-5 Titmice
1-2 Downys 2 Goldfinches
✓1 Horned Lark ✓1 White-throat
✓1 Cape May W. 1 TV
✓2-3 Bluebirds 1 Pil. Woodpecker

Woodchuck G'up in apple tree - eating apples.

10-11-75 Wed. 37° - 70°
Cloudless all day; calm early; then wind SSW, 10-15 mph. Great day!

125-150
Yellow-r. Wks. 30-40 Doves
1 Towhee 4-5 Crows
10-15 C. Waxwings 200+ Jays
300+ Robins 50+ Grackles
20-25 Cardinals 200+ Starlings
4-5 Mockers 20-25 House Spo.
3-4 Flickers 1-2 Song "
1-2 Red-bellies 1-2 C. Wrens
1-2 Downys 2 Goldfinches
4-5 Bluebirds 3-4 Chickadees
4-5 Ruby-cr. Kinglets 3-5 Titmice
1 Pil. Woodpecker 1 Nuthatch
1-2 Catbirds * 1 Kestrel {E-W 4:50
1 Cape May W. 5-6 White-throats

away 11:40-2:30
* 3 Young chuckam yard
1 Large " " "

1 Bat

10-12-78 Thurs. 45° - 75°
Light fog; cloudy - clearing by 9:00 A.M. - cloudless in aft; wind SSW, 15-20 mph.

2 White-throats 30+ Doves
* 1 Bl-thr. Green W. (5) 4-6 Crows
5-6 C. Waxwings 100+ Jays
2 Towhees (15) 30-40 Grackles
100+ Yellow-r. Wks. 100+ Starlings
~~300+~~ Robins 20+ House Spo.
20+ Cardinals 1-2 Song "
4-6 Mockers 1-2 C. Wrens
1 Pil. Woodpecker 2 Goldfinches
6-8 Flickers (8) 3 Chickadees
1-2 Red-bellies 3-4 Titmice
1-2 Downys 1 Meadowlark (5)
8-10 Bluebirds 5-N 1 Ch. Swift
4 T Vs

✓ Black-thr. Green W. repeatedly sang full song, but with a harsh, buzzy tone.

10-13-78 Fri. 58° — 79°
Cloudless. Calm in A.M.; in aft., wind SSW, 10-20 mph. Partly cloudy in P.M.

✓ 1 Gr. Horned Owl(c)
3-4 Towhees
✓ 200+ Yellow-r. Ws.
✓ 3-4 Bluebirds
100+ Robins
20+ Cardinals
4-5 Flickers
1 Pil. Woodpecker
8-10 Flickers
30+ Doves
10 Crows
100-150 Jays
30-40 Sparrows
200 Starlings
20-25 House Sps.
1-2 Song
1-2 C. Wrens
2 Goldfinches

2 Young' chucks in yard

2 Red-bellies 3 Chickadees
1-2 Downys 3-5 Titmice
✓ 1 White-Throat 10-12 Cardinals
✓ (*) 1 Cooper's Hawk 2:45-3:03 P.M.
(*) 1 Sharpshin 2 in woods
* 1 House Finch (c+s)

✓ Cooper's Hawk circling N-S at 3:03 P.M., fairly high - wind SSW about 15 mph.; temp. 70+°.

10-14-78 Sat. 64° — 66°
Cloudy; some lightning about 3:50 A.M. — balmy early — then wind SW, 15-25 mph — about 40 mph 10:30-11:00 — few drops of rain. Lawn covered with fallen leaves!
2-3 Towhee
200+ Yellow-r. Ws.
30+ Doves
8-10 Crows

Away 10 - 11:30; Watching Series
3:00 to 7:00 P.M.

15-20 C. Waxwings
✓ 1 Gr. Heron (ce)
1 Ruby-cr. kinglet
300+ Robins
20-25 Cardinals
4-6 Mockers
1 Red. Woodpecker
6-8 Flickers
2 Red-bellies
1-2 Downys
1 Phoebe in yard
✓ 1 House Finch (e+s)

200+ Jays
50 Grackles
200 Starlings
20-25 House Spr.
1-2 Song Spr.
1-2 C. Wrens
2 Goldfinches
3-4 Chickadees
3-4 Titmice
4-5 Bluebirds
3 T V s

10-15-76 Sun. 47° - 57°
Cloudless; wind NNE, then NNW 15-20 myh;
light frost in lowest areas.

2 Chucks

200+ Yellow-a. W s.
2 White-throats
1 Junco
1 Ruby-cr. Kinglet
✓ 2 House Finches
200+ Robins
20+ Cardinals
4-5 Mockers
6-8 Flickers
2 Red-bellies
1-2 Downys
1-2 Towhees
✓ 1 Red-shoulder 5:N-5
✓ 1 Red.-sh. 11:50 N-5 2:00
~~Towhee~~

30+ Doves
8-10 Crows
200+ Jays
100+ Grackles
100+ Starlings
20-25 House Spr.
1-2 Song "
1-2 C. Wrens
1-2 Goldfinches
3-4 Chickadees
3-4 Titmice
15-20 C. Waxwings
6 T V s 5:N 5:35
✓ 2 B V s 5:N 5:35

✓ 1 Red-sh.; 50°, wind NNW, 15-20 myh. 11:50 AM
✓ 1 Red-sh.; 2:00 P.M.; 56°, wind NW, 17 myh.

10-16-78 Mon. 37° — 57°
Cloudless early; chilly;
light rain began 1:05 P.M.;
continuing into evening.
Wind NW, 5-10 m.p.h. Rain
= 0.2"

25-30 Bluebirds ✓ 30+ Doves
200+ Yellow-r. W's. 6-10 Crows
3-4 White-throats in yard (15) 150-200 Jays
2 Ruby-cr. Kinglets 100 Grackles
1 Br. Creeper 50-100 Starlings
300-400 Robins 20-25 House Spp. "
20-25 Cardinals 1-2 Song "
4-5 Mockers 1-2 C. Wrens
2 Pil. Woodpeckers 1-2 Goldfinches
6-8 Flickers 3-4 Chickadees
2 Red-bellies 3-4 Titmice
1-2 Downies 2-3 Towhees
2 Juncos 2 Cowbirds
15-20 C. Waxwings 1 Nuthatch

Away about 4 hrs.
Young's church & in yard.
X 30-40 Rusty Blackbirds 12 ✓ 1 Killdeer

✓ 20-25 Bluebirds in one flock,
S-N, low, in a.m. — scattered
2s + 3s during day.

✓ Rusty Blackbirds all
over yard in afternoon —
on ground, eating dogwood
fruit and autumn olive
fruit, etc. Number of immat-
ures. Number only an estimate

10-17-78 Tues. 47° — 57°
Heavy overcast; wind N 10-15
m.p.h. Misting began 9:10 A.M.
- lasted 15 min. or so — some
sun in P.M.

3 young chuckers in yard

2 Golden-cr. Kinglets 30+ Doves
3-4 White-throats 6-8 Crows
15-20 C. Waxwings 100-150 Jays
1 Towhee 12-300 Grackles
1 Br. Creeper 200+ Starlings
100-150 Yellow-r. Ws. 20+ House Sps.
1000+ Robins 1-2 Song "
20-25 Cardinals 1-2 C. Wrens
4-5 Woodpeckers 3-4 Chickadees
8-10 Flickers 3-4 Titmice
2 Red-bellies 3-4 Rusty Blackbirds
1 Downy ♂ 1 TV
1 White-crowned Sp.

1 ♂ Towhee eating grain at feeder

10-18-78 Wed. 33°-61°
Ice on bird-bath; heavy fog, espec. at tree-top level. Heavy frost — Wind SW, 5-10 mph.

3 Young chuckers in yard
(1 eating apple - from 10 ft. up in tree)
2 Chipmunks

1 Golden-cr. Kinglet 30+ Doves
100-150 Yellow-r. Ws. 6-8 Crows
1 House Finch ♂ 200+ Jays
3-4 Bluebirds 2000+ Grackles
15-20 C. Waxwings 200+ Starlings
10-15 White-throats 20-25 House Sps.
4-5 Rusty Blackbirds 1-2 Song "
5-600 Robins 1-2 C. Wrens
20-25 Cardinals 3-4 Chickadees
4-5 Woodpeckers 3-4 Titmice
5-6 Flickers 1-2 Towhees
1-2 Red-bellies 2 Juncos
1-2 Downy 1 Mallard
1 Sharpshin circling N-S 4:40 PM 1 TV
1 White-crowned at 60° bird-bath 1 House Wren
1 Ruby-cr. Kinglet 2-3 Field Sps.

House Wren in Spirea & Pyracantha at east end of house for 5 min. - scolding - close-up.
About 200 or so in yard - in dogwood trees & autumn olive

3 10-15 White-throats calling about 6:40 P.M

10-19-78 Thurs. 47°-62°
Light shower began 6:00 A.M. - ending about 7:30 AM.
Windin afternoon - SW, S-10 mph. - some sun in aft.

✓ 1 Ruby-cr. Kinglet
2-3 Juncos
10-15 C. Waxwings
✓ 1 House Finch ♂ Δ
150-200 Yellow-r. Ws.
White-throats (S)
1 Towhee
✓ 1 Red-shoulder
3-4 Rusty Blackbirds
100+ Robins
20+ Cardinals

40+ Doves
4-6 Crows
100+ Jays
3000+ Grackles
200+ Starlings
20+ House Sps.
1-2 Song "
1-2 C. Wrens
3-4 Chickadees
3-4 Titmice
11 TVS

3 Young chuckers in yard
2 Chipmunks

4-5 Mockers
3-4 Flickers
1-2 Red-bellies
1-2 Downys

Away 10:00 AM - 12:30 P.M.

10-20-78 Fri. 45°-63°
Few light clouds around horizon - wind N, 10-25 mph all afternoon - marvelous day!

✓ 20-30 White-throats (S) 30-40 Doves
✓ 1 Ruby-cr. Kinglet 5-6 Crows
15-20 C. Waxwings 100+ Jays
200+ Yellow-r. Ws - 1500 Grackles
2 Towhees 100 Starlings
✓ 1 House Wren (ce in garden) 20+ House Sps.

1 young 'chuck in yard & in apple tree —

1300+ Robins
20± Cardinals
4-5 Mockers
1 Pil. Woodpecker
4-5 Flickers
1-2 Red-bellies
1 Downy
~~Rusty Blackbirds~~
3-400 Brewer's Blackbirds ✓

1-2 Song Sps.
1-2 C. Wrens
3 Chickadees
2-3 Titmice
1-3 TV's
2-3 Juncos
1 Nuthatch
2-3 Bluebds.

✓ These were clearly Brewer's — Claire and I studied them for about an hour, in brilliant light — on lawn, in dogwoods, in oaks — noting every feature — clearly not the Rusty's of recent days —

7 Young 'Chucks in yard

10-21 - 75 Sat. 32° - 69° Frost, but no ice — wind SW, 5-10 m.p.h. all day — Cloudless — glorious day!

3-4 Bluebirds
2-3 Juncos
20+ White-throats
1 Towhee
1 Ruby-cr. Kinglet
75-100 Yellow-r. Ws
15-20 C. Waxwings
1 Meadowlark (S)
1-2 Horned Larks
3-400 Robins
20+ Cardinals
4-5 Mockers
1 Pil. Woodpecker
3-4 Flickers
1-2 Red-bellies

40+ Doves
5-6 Crows
75-100 Jays
3000-4000 Grackles
200 Starlings
20+ House Sps.
1-2 Song "
1-2 C. Wrens
3 Chickadees
2-3 Titmice
1-2 Nuthatches

10-22-78 Sun. 37°-75°
Calm in A.M.; almost cloudless;
Completely cloudless 10:00 A.M.
on - wind S, SSW, 5-10 mph.
another glorious day -
but so dry.

10-15 Bluebirds 2(0♂7♀) 30+ Doves
1 Towhee 46 Crows
8-10 White-throats 75+ Jays
2-3 Juncos 300 tt Grackles
75-100 Yellow-r. Ws. 700-800 Starlings
200+ Robins 15-20 House Sp.
20+ Cardinals 1-2 Song "
4-5 Mockers 1-2 C. Wrens
1 Pil. Woodpecker 3 Chickadees
3-4 Flickers 2 Titmice
2 Red-bellies (X) 1 Red-shoulder
1 Downy ♂ (X) 1 Sharpshin SW-S 28-45 39 Am Calm
3+ Purple Finches 1 Nuthatch
2 White-crowns ♀ 1 TV

1 Ruby-cr. Kinglet 2-Field Spp.
1 Sharpshin 3 ENE-SW 5:25 P.M. 720-SW 10 mph
1 Goldfinch

10-23-78 Mon. 42°-81°
Partly cloudy; calm in A.M.
Cloudless by 10:00 A.M.; then
increasingly cloudy in P.M.
Wind S in P.M., 5-10 mph. Brief
shower about 9:00, and winds to 30-35 mph NE

10-15 White-throats (5) 30+ Doves
2-3 Juncos 4-5 Crows
8-16 Bluebirds 50-75 Jays
75-100 Yellow-r. Ws. 1000 tt Grackles
200+ Robins 200+ Starlings
20+ Cardinals 20+ House Sps.
4-5 Mockers 1-3 Song " (5)
4-5 Flickers 1-2 C. Wrens
2 Red-bellies 3 Chickadees

2 chuck's in yard

1-2 Downys 3 Titmice
30+ C. Waxwings 1 House Finch
1 Pil. Woodpecker 1 Goldfinch
2 Sharpshins SN-5 9:20AM V 2 TV's
1 Tom Tee Calm 44°

✓ Two Sharpshins flying together, making "passes" at each other - lit briefly on large tree by Hampshire's barn, then flew on South.

10-24-78 Tues, 37° - 55°
Cloudless; chilly;

10-15 Wht-throats 30-40 Dovers
2-3 Juncos 5 Crows
✓ 1-2 House Finches 100+ Jays

75-100 Yellow-r. WS. 1000+ Grackles
1 Tom Tee 200+ Starlings
✓ 10-15 Bluebirds 20 House Sps.
30+ C. Waxwings 2-3 Song
1 Purple Finch (5) 1-2 C. Wrens
300-400 Robins 1-2 Goldfinches
20+ Cardinals 3 Chickadees
4-5 Mockers 2-3 Titmice
4-5 Flickers ✓ 2-3 Meadowlarks (5)
2 Red-bellies ✓ 2 Ruby-c. Kinglets
(*) Sharpshin 5th yard 4:30PM Calm 35° 1 Phoebe in yard
1 Downy ♂

10-25-78 Wed. 34° - 64°
Cloudless; heavy frost; ice on bird-bath. Wind NE, 10-15 mph.; shifting rapidly by 10:30 A.M., S, SW, W - up to 25 mph. Sun-dog at 11:00 A.M.

'Chuck

10-15 White-throats Δ 30+ Doves
2-3 Juncos Δ 4-5 Crows
100± Yellow-r. Ws. 100± Jays
20-30 C. Waxwings 1000 Grackles
5-6 Bluebirds 500 Starlings
1 Towhee 20± House Spo.
700-800 Robins 2-3 Song "
20+ Cardinals 1-2 C. Wrens
4-5 Mockers ~~Goldfinches~~
1 Pil. Woodpecker 3-4 Chickadees
6-10 Flickers 2-3 Titmice
2 Red-bellies 3 TVS
1-2 Downys 1 Purple Finch(s)
1 Phoebe

10-26-78 Thurs. 57° — 78°
Cloudy; occ. sun to mid-aft.
then heavy overcast; wind S/SW,
10-15 mph. Fine day —

No 'Chuck!

15-20 White-throats 30-40 Doves
3-4 Juncos 10-15 Crows
1-2 Purple Finches (s) 75-100 Jays
1 House Finch 75-100 Grackles
1 Killdeer ± 400 Starlings
50-60 Yellow-r. Ws. 20± House Spo.
2 Ruby-cr. Kinglets 2-3 Song "
30+ C. Waxwings 1-2 C. Wrens
6-700 Robins 3-4 Chickadees
20+ Cardinals 2-3 Titmice
4-5 Mockers 1 Pil. Woodpecker
Flickers 1 TV Sp ♂ ♀
2 Red-bellies 1 Towhee ♂ ♀
1-2 Downys 1 White-crown ♂
(3) 1 Sharpshin ♂ 4:40 PM 1 Phoebe

v Sharpshin (♂) flying at high speed along fence line, about 3 ft. above ground, hunting the shrub-line.

1 Chuck

10-27-78 Fri. 50°-66°
Brief shower last night at 11:45
& 12:40 = 0.2" rain.
Cloudless; wind NE,
10-20 mph. - fine day!

1 Phoebe
1 Towhee ♂
10-15 White-throats
2-4 Juncos
50-60 Yellow-r. Wk.
2-3 House Finches o'head
2-3 Purple Finches o'head
500+ Robins
20+ Cardinals
4-5 Mockers
3-4 Flickers *
2 Red-bellies
1-2 Downy *
30+ C. Waxwings

40+ Doves
12-15 Crows
60-70 Jays
1000+ Grackles
500+ Starlings
20+ House Sps.
2-3 Song "
1-2 C. Wrens
3 Chickadees
2 Titmice
3-4 Pine Siskins o'head
3-4 Bluebirds
4/5 hr. winged Crossbills
8 TV's
(5-11; 5:00 PM

10-25-78 Sat. 29°-64°
Heavy frost; ice on bird-bath; wind in aft. SW, 10-15 mph

10-15 White-throats (3) Δ 40-50 Doves Δ
4-6 Juncos Δ 12-15 Crows
3-4 Purple Finches 60-75 Jays
2-3 Pine Siskins o'head 200 Grackles
15-100 Yellow-r. Wks. 300+ Starlings
1 Towhee 20 House Sps. Δ
500+ Robins 2-3 Song " Δ (5)
20+ Cardinals Δ 1-2 C. Wrens Δ
4-5 Mockers 3 Chickadees
6-10 Flickers 2-3 Titmice Δ
2 Red-bellies 1 Phoebe
1 Downy ♂ Δ 1 Red-shoulder
20-30 C. Waxwings 2-3 Goldfinches
4-6 House Finches 1 TV 4F
4-6 Δ

V Chuck in yard

R Red-tail NNE-SW 1:40 PM. wind 5;15-20 mph 600 ✓ 1 White-crown Δ 2

10-29-75 Sun. 37° - 63°
Cloudless; wind NNE, 10-15 m/h., all day. Heavy frost

BACK to EST

15-20 White-throats Δ 50+ Doves 20 on flock Δ
4-5 Juncos Δ 10-15 Crows
3-4 Purple Finches 75-100 Jays
2-3 House Finches Δ 200 Grackles
100+ Yellow-r. Ws. 1000+ Starlings
1 Towhee 20 House Spr. Δ
20 C. Waxwings 2-3 Song " Δ
700-800 Robins 1-2 C. Wrens
20 Cardinals Δ 3-4 Goldfinches Δ
4-5 Mockers 3 Chickadees Δ
1 Pil. Woodpecker 3 Titmice
5-6? Flickers ✗ 1 Red-shoulder

Grey Fox in Meadow
No Chuck!

2 Red-bellies 1 Cowbird ♀ + 3 White-crowns 2 Sm. Δ
1 Downy Δ
R 1 Bufeo (Unid.) N-S 9:50 AM 480'
2 Field Spr. 1 Killdeer
1 TV 2X

10-30-75 Mon. 33° — 59°
Cloudless; frost; wind NE, 10-15 mph (about noon to dusk) — shifting to SE late aft.

2 Ruby-cr. Kinglets 40+ Doves
75-100 Yellow-r. Ws. 12-15 Crows
15-20 White-throats Δ 60-70 Jays
4-5 Juncos Δ 40-50 Grackles
30+ C. Waxwings Δ 1500+ Starlings
1 House Finch ♀ Δ 20+ House Spr.
1-2 Purple Finches 1-2 Song "
800-900 Robins 1-2 C. Wrens
20+ Cardinals 2 Goldfinches

4-5 Monkeys 3 Chickadees Δ
6-8 Flickers 3 Jtmice Δ
1-2 Red-bellies 3-4 Bluebirds Δ
1-2 Downys ♂Δ 1 TV
(*) 1 Red-tail (imm.) {SW-S 9:00 AM W-NW 2-10 mph 45°} - med. alt. 1 Nuthatch
(*) 1 Red-tail (ad) {9:15 N-S} — low
(*) 1 Peregrine 7.{1:33 PM N2.5 mph N-S 61°} 1 Chipping Sp.
(*) 1 Red-tail (ad) {N-S 1:55 PM NE-15; 61° 8th} 1 Towhee
(*) 1 Red-tail (ad.) {3 NNE-SW med. high 2:15; W-20 mph. 62°}

Peregrine just above tree-tops in usual flight-path across front yard.

10-31-78 Tues. 32° - 62°
Cloudless; calm a.m. - few clouds mid-day, then cloudless again.

20-30 White-throats Δ 50+ Doves Δ
4-6 Juncos Δ 8-10 Crows
4-5 Purple Finches 50-60 Jays
3-4 House Finches ♂♀ Δ 30-40 Grackles
100± Yellow-r. Ws. 500+ Starlings
30 C. Waxwings 20± House Sps. Δ
3-500 Robins 2-3 Song " Δ
20+ Cardinals Δ 3 C. Wrens (25)
4-5 Mockers 2 Goldfinches
1 Rd. Woodpecker 3 Chickadees Δ
6-8 Flickers 3 Jtmice Δ
2 Red-bellies 1 Towhee
1-2 Downys ♂Δ 1 Nuthatch
1 R-en Kinglet 2-3 Bluebirds

11-1-78 Wed. 33° — 66°
Cloudless; all day; wind
N, 2-10 mph. — great day!
But terribly dry —
last appreciable rain 8/30 & 8/31

20-25 White-throats Δ 50+ Doves Δ
5-6 Juncos Δ 12 Crows
4-5 Purple Finches 50-60 Jays Δ
3-4 House Finches Δ 40-50 Grackles
30+ C. Waxwings 200+ Starlings
75-100 Yellow-r. W's. 20 House Spa.
300+ Robins 2-3 Song "
20+ Cardinals Δ 2-3 C. Wrens
4-5 ? Mockers 2 Gold finches
2 Pil. Woodpeckers in yard 3 Chickadees
6-8 ? Flickers 3 Titmice
1-2 Red-bellies 1 Ruby-cr. Kinglet
1-2 Downys & Δ 4-5 Bluebirds
1 Towhee 2 TVs

11-2-78 Thurs. 31° — 67°
Heavy frost; ice on bird-bath! — Cloudless; Great day - but "bone-dry"!
No appreciable rain since Aug. 30-31!!!

10-15 White-throats Δ (S) 40-50 Doves 6 Δ
5-6 Juncos (S) V Δ 8-10 Crows
3-4 Purple Finches (S) 50-60 Jays Δ
3-4 House Finches 200 ± (S) Δ Grackles
6-10 Bluebirds 300+ Starlings
30± C. Waxwings 20± House Spa. Δ
2 Ruby-cr. Kinglets 1-2 Song Spa. Δ
100± Yellow-r. W's. 2-3 C. Wrens (2)
200+ Robins 2 Goldfinches
20 Cardinals 3 Chickadees
4-5 Mockers 3 Titmice
1 Pil. Woodpecker 2 Bobwhites
5-6 Flickers 2 Field Spa.
2 Red-bellies

Fr. Concord

1-2 Downys 18Δ

✓ Plus 50-75 Juncos along Newman Rd. below Phillips's home -

11-3-78 Fri. 37°-68°
Cloudless; wind NE, 10-15 mph. Scattered high cirrus clouds in late afternoon - another glorious day - but no rain!!

15-20 White-throats Δ 50+ Doves
4-6 Juncos Δ 8 Crows
50-75 Yellow-r. Wks. Δ 30-40 Jays
2-3 House Finches ♀ Δ 30+ Grackles
2-3 Purple Finches 20 Red-wings
30-40 C. Waxwings 200+ Starlings
200+ Robins 20+ House Sps.

1 Honey Bee
1 Dragon Fly
1 Bat

20+ Cardinals Δ 2-3 Long Sps. Δ
4-5 Mockers 2-3 C. Wrens
4-5 Flickers 2 Goldfinches
2 Red-bellies 3 Chickadees Δ
1 Downy ♂ Δ 3 Titmice Δ
✓ 5-6 Bluebirds 1 Nuthatch
✓ 1 Towhee 1 TV 2X

11-4-78 Sat. 42°-56°
Overcast; wind NE, 5-15 mph.

15-20 White-throats Δ 50+ Doves
✓ 6-8 Juncos Δ 8-10 Crows
✓ 2-3 House Finches Δ 30-40 Jays
✓ 2-3 Purple Finches 200+ Grackles
100+ C. Waxwings 1000+ Starlings

30-40 Yellow-r. Ws. Δ
200± Robins
20 Cardinals
4-5 Nuthatches
4-5 Flickers
2 Red-bellies
1-2 Downys
6-10 Bluebirds

20 House Spx.
1-3 Song "
3 C. Wrens
2 Goldfinches
3 Chickadees
3 Titmice
1 Ruby-cr. Kinglet
1 Red-shoulder

11-5-78 Sun. 37° — 70°
Scattered cirrus clouds;
wind NE, 5-10 mph. to late aft.,
then 2-5 mph, East.

6-10 Bluebirds
15-20 White-throats Δ
4-5 Juncos Δ
40± Yellow-r. Ws. 100± Grackles
2-3 House Finches Δ

50± Doves Δ
6-8 Crows
30-40 Jays
20-25 Red-wings

3-4 Purple Finches
100± C. Waxwings
1 Ruby-cr. Kinglet
500 Robins
20± Cardinals Δ
4-5 Nuthatches Δ
1 Pil. Woodpecker in yard
4-5 Flickers
2 Red-bellies
1 Downy ♂ Δ
✓ 1 Killdeer 2T

3-400 Starlings
20± House Spx.
1-3 Song "
2-3 C. Wrens
5 Goldfinches
3 Chickadees
3 Titmice
Nuthatch
✓ 1 Sharpshin
2 TVs 12:05 PM

✓ Sharpshin hunting low along Hampshire's "cedar line", then back into woods

11-6-78 Mon. 33° — 72°
Cloudless to about 3:30,
then hazy clouds from
west; Calm in A.M.; wind
S W, 5-15 mph mid-aft. on.

Br. Concorde

15-20 White-throats Δ
4-6 Juncos Δ
5-6 House Finches 3Δ
3-4 Purple Finches 1 head
100+ C. Waxwings
6-10 Bluebirds
60-70 Yellow-r. Ws.
100+ Robins
20± Cardinals
4-5 Mockers
1 Pil. Woodpecker
4-6 Flickers
2 Red-bellies
1-2 Downys
1 Sharpshin {4:25 IC

40-50 Doves
6-8 Crows
20-30 Jays
50 Grackles
20-30 Red-wings
500+ Starlings
20± House Sps.
1-2 Song "
2 C. Wrens
4-5 Goldfinches
3 Chickadees 7/15
3 Titmice
20 Horned Larks NE
1 Nuthatch
1 TV

✓ Sharpshin sweeping at ~~gro~~ almost ground-level across near meadow, W-E, at 4:25 P.M.- into woods - hunting hard.

11-7-78 Tues. 37°-68°
Partly cloudy; incr. clouds from noon on — wind N, 10-15 mph., about 1:30 on.

15-20 White-throats Δ
4-6 Juncos Δ
4-5 House Finches Δ
3-4 Purple Finches
75+ Yellow-r. Ws.
100+ C. Waxwings {4+46 on Great Oak Dr. (Clifton) CC
200+ Robins
20± Cardinals Δ
4-5 Mockers
1-2 Pil. Woodpeckers
2 Red-bellies
1 downey Δ
6-8 Bluebirds
1 Cooper's {10:25 V N-S
lt. wind - calm

50-60 Doves Δ
7-8 Crows
30-40 Jays Δ
30-40 Grackles
40-50 Red-wings
Starlings Δ
20± House Sps. Δ
1-2 Song " Δ
2 C. Wrens Δ
4 Goldfinches
3 Chickadees Δ
3 Titmice Δ
2 TVs
1 Killdeer
6-8 Flickers

1 Towhee

v Cooper's circling N-S, medium altitude; 10:25 A.M., temp. about 45°.

11-8-78 Wed. 47°-
Heavy overcast; few drops of rain 3:30 A.M.; wind NNE, 10-20 m.p.h. Some sun in afternoon- but cool-

15-20 White-throats Δ 50-60 dowers 8Δ
4-6 Juncos Δ 5-6 Crows
75-100 Yellow-r.Ws. 20± Jays Δ,
100± C. Warblers v 20,000 Grackles v
3-4 House Finches Δ 20 Red-wings
3-4 Purple Finches 200(?) Starlings
100± Robins 15-20 House Sps.
20± Cardinals Δ 1-2 Song "

Away 9:30 - 2:00 P.M.

3-4 Mockers 1-2 C. Wrens
4-5 Flickers 3-4 Goldfinches Δ
2 Red-bellies 3 Chickadees Δ
1 Downy ♂ Δ 3 Titmice Δ
1 Towhee 1 TV 8:45 A.M.
74 1 Nuthatch

v Perhaps 20,000 Grackles in three great waves, E-W, 6:55 A.M. - 7:05 A.M. - obviously from a roost east of us - a number of Starlings mixed with Grackles - all rather low.

11-9-78 Thurs. 25° - 61°
Cloudless; heavy frost - fairly thick ice on bird-bath
Wind NE, then SE, 5-10 m.p.h.

15-20 White-throats Δ 50-60 doves 8Δ
4-6 Juncos Δ 5-6 Crows
2-3 P. Finches 15-20 Jays Δ
3-4 House Finches 2Δ 200 Grackles
50-60 C. Waxwings 8-20 Red-wings
1 Song Tree 20± Starlings
50-75 Yellow-r. Ws. 20± House Sps. Δ
100± Robins 1-2 Song " "
20± Cardinals Δ 2 C. Wrens Δ
3-4 Nuthatches 4 Goldfinches 3Δ
1 Pil. Woodpecker 3 Chickadees Δ
2-3 Flickers 3 Titmice Δ
2 Red-bellies ✱ 1 Coopers 5N-5 1:20 NE 0-15 mph
1-2 Downys Δ 55°
✱ 1 Red-tail (ad.) 5N-5 1:25 55° SE, 10-15 mph.
✱ 1 Red-shoulder (Local 5:05 PM) 1 Nuthatch